

# XtendiMax Paired Soil Residual Herbicide Programs (Janesville, WI 2023)

## Trial Information

Trial Sponsor(s): Bayer

Objective: Evaluate the potential benefit of adding XtendiMax to the tank with traditional PRE herbicides

Crop: XtendFlex Soybean

Variety: AG20XF1

Weed species (pressure): giant ragweed (moderate-high)

Herbicide Application(s): PRE – 5/11

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For the full report see trial #23-ROK-SB01 in the [2023 Wisconsin Weed Science Research Report](#)



**Cropping Systems Weed Science**  
UNIVERSITY OF WISCONSIN-MADISON



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Trt #	Herbicide (rate acre <sup>-1</sup> )	Giant Ragweed (%)		
		14 DAT	22 DAT	35 DAT
1	Untreated Check	0	0	0
<b>One-Pass – PRE (5/11)</b>				
2	Warrant (48 fl oz) + Mauler (8 fl oz)	61	35	18
5	Warrant (48 fl oz) + Mauler (8 fl oz) + XtendiMax (22 fl oz)*	86	87	58
3	Warrant (48 fl oz)	75	49	31
6	Warrant (48 fl oz) + XtendiMax (22 fl oz)*	94	87	60
4	Warrant Ultra (50 fl oz)	85	62	50
7	Warrant Ultra (50 fl oz) + XtendiMax (22 fl oz)*	97	93	80
9	Authority First (6 oz)	86	81	66
10	Authority First (6 oz) + XtendiMax (22 fl oz)*	98	95	81
8	XtendiMax (22 fl oz)*	88	86	45
<b>Average control of PRE herbicides without dicamba</b>		77	57	41
<b>Average control of PRE herbicides with dicamba</b>		94	90	70
<b>LSD (<math>\alpha=0.10</math>)</b>		18	17	22
<b>p value</b>		0.045	<0.001	<0.001

<sup>a</sup>Visual control from 70-100% is illustrated on a color scale with green representing greater weed control values.

\*All treatments with XtendiMax included 20 fl oz/a VaporGrip Xtra, a volatility reduced agent.

# XtendiMax Paired Soil Residual Herbicide Programs (Janesville, WI 2023)

Plot pictures taken on 5/25  
14 days after the PRE application

The number in the upper right-hand corner is the average % giant ragweed of 4 replications

**14 days after PRE (5/25)**

**Untreated Check**

**0%**



14 days after PRE (5/25)

PRE: 48 fl oz Warrant + 8 fl oz Mauler

61%



14 days after PRE (5/25)

PRE: 48 fl oz Warrant + 8 fl oz Mauler + 22 fl oz XtendiMax

86%



1

14 days after PRE (5/25)

PRE: 48 fl oz Warrant

75%



14 days after PRE (5/25)

PRE: 48 fl oz Warrant + 22 fl oz XtendiMax

94%



**14 days after PRE (5/25)  
PRE: 50 fl oz Warrant Ultra**

**85%**



14 days after PRE (5/25)

97%

PRE: 50 fl oz Warrant Ultra + 22 fl oz XtendiMax



**14 days after PRE (5/25)  
PRE: 6 oz Authority First**

**86%**



14 days after PRE (5/25)

PRE: 6 oz Authority First + 22 fl oz XtendiMax

98%



14 days after PRE (5/25)  
PRE: 22 fl oz XtendiMax

88%



# XtendiMax Paired Soil Residual Herbicide Programs (Janesville, WI 2023)

Plot pictures taken on 6/2  
22 days after the PRE application

The number in the upper right-hand corner is the average % giant ragweed of 4 replications

**22 days after PRE (6/2)**  
**Untreated Check**

**0%**



**22 days after PRE (6/2)**

**PRE: 48 fl oz Warrant + 8 fl oz Mauler**

**35%**



**22 days after PRE (6/2)**  
**PRE: 48 fl oz Warrant + 8 fl oz Mauler + 22 fl oz XtendiMax**

**87%**



**22 days after PRE (6/2)  
PRE: 48 fl oz Warrant**

**49%**



22 days after PRE (6/2)

PRE: 48 fl oz Warrant + 22 fl oz XtendiMax

87%



**22 days after PRE (6/2)  
PRE: 50 fl oz Warrant Ultra**

**62%**



**22 days after PRE (6/2)**

**PRE: 50 fl oz Warrant Ultra + 22 fl oz XtendiMax**

**93%**



**22 days after PRE (6/2)  
PRE: 6 oz Authority First**

**81%**



22 days after PRE (6/2)

PRE: 6 oz Authority First + 22 fl oz XtendiMax

95%



**22 days after PRE (6/2)  
PRE: 22 fl oz XtendiMax**

**86%**

